

REC PROOF P12

INTEGRAL WATER REPELLENT FOR CONCRETE MASONRY

DESCRIPTION

REC PROOF P12 is a ready-to-use liquid admixture formulated to resist moisture penetration and migration in concrete masonry products. This unique polymer formula is added directly to the concrete mixture which forms a protective barrier throughout the masonry unit. REC PROOF P12 also inhibits the transport of soluble salts that cause secondary efflorescence. REC PROOF P12 contains no added chlorides and will not promote corrosion in steel.

PRIMARY APPLICATIONS

- Concrete block and brick
- Segmental retaining wall (SRW) units
- Concrete Pavers
- Roof tile

FEATURES/BENEFITS

- Provides long lasting, maintenance free moisture protection
- Reduces the migration of salts that can cause efflorescence
- Can be used above or below grade, exterior or back-up walls
- Resists staining, inhibits growth of mold and mildew

TECHNICAL INFORMATION

REC PROOF P12 has been independently tested in accordance with ASTM E 514-90, Standard Test Method for Water Penetration and Leakage Through Masonry (extended to 72 hours) with 0% dampness on interior walls. REC PROOF P12 received an E-rating (Excellent). Test reports are available at request.

Appearance White, free flowing liquid that will not change the color of treated masonry units.

Specific Gravity 1.02

Freezing point 20oF (-7oC)

PACKAGING

REC PROOF P12 is packaged in bulk, (1000 L) tanks, (210 L) drums and (20 L) pails.

SHELF LIFE

6 months in original, unopened container.

DIRECTIONS FOR USE

Dosage: Add REC PROOF P12 to the concrete mixture after all of the water has been introduced. Mix for a minimum of 3 minutes. Testing must be performed to verify performance with local materials. The following are recommended starting point dosage rates.

Medium and Normal Weight Block Dosage: Add REC PROOF P12 to the mix at the rate of 24 oz /100 lbs. (1565 mL/100 kg) of cement.

Lightweight Block Dosage: Add REC PROOF P12 to mix at the rate of 32 oz/100 lbs. (2086 mL/100 kg) of cement.

IMPORTANT: Extensive laboratory testing is used to determine and certify the optimal dosage rate of REC PROOF P12 admixture. For test methods used to evaluate production samples.

Secondary Efflorescence Control Dosage: Add REC PROOF P12 at the rate of 8 to 20 oz./ 100 lbs. (520 to 1300 ml/100 kg) of cement.

NOTE: REC PROOF P12 is part of an overall moisture protection system that includes the use of REC PROOF P11 to prevent moisture from migrating through the mortar joints. For added protection, The Reckon Chemical Company recommends an exterior application of Heavy- Duty penetrating sealer. Consult your Reckon Chemical representative for additional information on this product.

PRECAUTIONS/LIMITATIONS

- Do not kept REC PROOF P12 at freezing temperature.
- If agitation is required, never use pressurized air.
- REC PROOF P12 was formulated to provide water repellency in concrete masonry units. REC PROOF P12 is strongly recommended to provide water repellency in the associated masonry mortar. Failure to do so will result in compromised protection of the masonry structure and is in violation of the REC PROOF Water Repellent Admixture System Guide Specification.
- REC PROOF P12 performs optimally when quality materials and proper mix designs and are used - Consult Reckon Chemical representative for technical assistance.
- REC PROOF P12 will not compensate for flaws in building design, improper production procedures, or improper construction methods. The Reckon Chemical Company is not responsible for inappropriate use of REC PROOF P12.
- In all cases, consult the Safety Data Sheet before use.

CLEAN-UP

Clean tools and equipment promptly with water before the mortar hardens.

WARRANTY: The Reckon Chemicals (Pvt) Ltd. (Reckon) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Reckon product fails to conform with this warranty, Reckon will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Reckon's products for the Buyer's intended purposes.

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